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Application No.: 09/807,050

MAY 17 2006

Docket No. D02197

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Presently Amended) A television set-top terminal, comprising:
a computer readable medium having computer program code; and
means for executing said computer program code to implement an Application Programming Interface (API), the means for executing said computer program code being located in said set-top terminal, wherein:
application data which defines applications is recovered at the terminal according to locators associated with the applications;
the applications are registered and installed at the terminal;
the API enables a user to be notified of the presence of the applications after registration and installation;
the API enables running and subsequent stopping the applications;
the API enables the retrieval of the applications as broadcast software applications; and
the API enables pausing of the applications once they are running, and subsequent resuming of the applications.

2 - 3. (Presently Canceled)

4. (Previously Canceled)

5. (Original) The terminal of claim 1, wherein: said API is independent of an operating system and hardware of the terminal.

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6. (Presently Amended) A television set-top terminal, comprising:
a computer readable medium having computer program code; and
means for executing said computer program code to implement an Application Programming Interface (API), the means for executing said computer program being located in said set-top terminal, wherein:

application data which defines applications is recovered at the terminal according to locators associated with the applications;

the applications are registered and installed at the terminal;

the API enables a user to be notified of the presence of the applications after registration and installation;

the API enables particular ones of the applications to advertise their respective states to other applications; and

the API provides an ITU- T X. 731-based mechanism for monitoring and controlling the applications, wherein said ITU- T X. 731 is an international standard which defines management states, status codes and state transitions for manageable objects.

7. (Presently Canceled)

8. (Previously Canceled)

9. (Original) The terminal of claim 6, wherein: said API enables at least one of the other applications to access the advertised state of at least one of the particular advertising applications.

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10. (Original) The terminal of claim 6, wherein: said API enables retrieval of version information associated with the applications.

11. (Previously Canceled)

12. (Original) The terminal of claim 6, wherein: said API enables verification of the integrity of the applications.

13. (Previously Canceled)

14. (Original) The terminal of claim 6, wherein: said API enables administrative locking and unlocking of the applications.

15 - 20. (Presently Canceled)

21. (Currently Amended) A method for implementing a software architecture for a television set-top terminal, comprising:

providing a computer readable medium having computer program code; and

executing said computer program code to implement an Application Programming Interface (API), the computer program code being executed in said set-top terminal, to:

recover application data which defines applications at the terminal according to a locator associated with the application data;

register and install the applications at the terminal;

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notify a user as to the presence of the applications that have been registered and installed;
enable running and subsequent stopping of the applications;
enable the retrieval of the applications as broadcast software applications; and
enable pausing of the applications once they are running, and subsequent resuming of the applications.

22. (Presently Canceled)

23. (Presently Amended) A method for implementing a software architecture for a television set-top terminal, comprising:

providing a computer readable medium having computer program code; and
executing said computer program code to implement an Application Programming Interface (API) , the computer program code being executed in said set-top terminal, to:
recover application data which defines applications at the terminal according to a locator associated with the application data;
register and install the applications at the terminal;
notify a user as to the presence of the applications that have been registered and installed;
enable particular ones of the applications to advertise their respective states to other applications; and
monitor and control the applications via a IIU-T X. 73 I-based mechanism, wherein said IIU - T X. 731 is an international standard which defines management states, status codes and state transitions for manageable objects.

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24. (Presently Canceled)

25-26. (Previously Canceled)